

IN THE CLAIMS:

All claims pending in this action are listed below for the convenience of the Examiner.

60. (Previously Presented) An interferometric modulator comprising a cavity encapsulated by an encapsulation membrane.

61. (Previously Presented) The modulator of claim 60 in which the encapsulation membrane has electrical properties arranged to affect an electromechanical characteristic of the modulator.

62. (Previously Presented) The modulator of claim 60 in which the encapsulation membrane has optical properties arranged to affect an optical characteristic of the modulator.

63. (Previously Presented) The modulator of claim 60 in which the encapsulation membrane has permeability properties arranged to hermetically seal the modulator.

64. (Previously Presented) The modulator of claim 60 in which the encapsulation membrane has a combination of permeability, optical, and electrical properties arranged to affect optical, electromechanical, and hermetic properties of the modulator.

65. (Previously Presented) The modulator of claim 60 in which the encapsulation membrane has a surface that bears circuitry.

66. (Previously Presented) A display comprising internal elements encapsulated by an encapsulation membrane that bears electronic circuitry associated with the display.

67. (Previously Presented) The display of claim 66 in which the internal elements comprise an array of interferometric modulators.

68. (Currently Amended) An interferometric modulator comprising a sandwich of two or more layers, at least one of the layers comprising two or more films, the stress of each film being arranged so that the overall stress of the layer ranges from zero to tensile in magnitude; wherein the layers of the sandwich are movable relative to each other.

69. (Previously Presented) An interferometric modulator comprising a sandwich of two or more layers, each of the layers comprising one or more components which respectively serve specific functions including electrical, mechanical, and optical.

70. (Previously Presented) Apparatus comprising:
an array of interferometric modulators formed integrally on a substrate,
each of the modulation elements having two walls that define a cavity,
one of the walls being movable relative to the other to define response modes,
the cavity operating interferometrically on light within the cavity in at least one of the modes,

at least one of the walls serving as a mirror and having at least two layers that cooperate to cause the element to exhibit, in modes in which the cavity is operating interferometrically, a predetermined optical response to light,

each of the layers contributing substantially to causing the element to exhibit the predetermined optical response,

an optical response of the device in one of the response modes comprising broadband responses for transmission and reflection that respectively span the entire visible range of wavelengths, and

each of the modulation elements comprising at least two sub-elements having aggregate reflective peaks that produce a broadband or white state.

71. (Previously Presented) Apparatus comprising:

an interferometric modulator comprising a sandwich of two or more layers, at least one of the layers being movable, the movable layer including a deposited stiffener that is sufficiently stiff to cause the movable layer to remain parallel to the another of the layers during operation.